

MoDOT Potential Research for FY 2009

- Adaptive Signal Timing Research Along Route 291 in KC
- Alternative Control Systems and Strategies for Missouri's Urban Interstate Freeways (variable speed limit signs on I-270)
- An Integrated Data Management System – the Integration of Detector Data, Archive Information and Simulation (traffic management)
- Automated Mobile Highway Sign Visibility Measurement System
- Comparative Analysis of Freight Development: Safety, Economic and Environmental Benefits of Increased Mode Distribution
- Determine minimum cement factor for Durability
- Development of a Web-based Decision Support Tool to provide Traffic Safety and Operations Data to Local Agencies in Missouri
- Development of the Framework for a Water Quality Monitoring System: Controlling MoDOT's Contribution to 303(d) Listed Streams in the State of Missouri
- Driver Behavior Effects on Lane Capacity
- Economic Value and Contribution of Freight Modes to Missouri's Economy
- Engineering Specifications for Construction of Truck-only and Passenger Vehicle-Only Travel Ways in Missouri
- Enhancement of Performance-Based Moisture Sensitivity Specifications for Asphalt Materials Acceptance
- Evaluating and Quantifying Benefits of Dynamic Message Signs on Missouri Corridors
- Identification of Public -Private Partnership (P3) Opportunities
- Impact of Very light Jets (VLJ) on the General Aviation Airports in Missouri
- Implementation of Pavement Mixture Design and Analysis (MDA) - Track of CP Road Map
- Increase Public Support for Roundabouts
- Missouri Roads Research
- Performance of Recycled Asphalt Shingles in Hot Mix Asphalt
- Preventative Maintenance Treatments for Pavements (Database)
- Reduction of Cost for Building a Roundabout
- Requirements to Develop a Successful Super Logistics Terminal in Missouri
- Review and Analysis of Best Practices for Effective Public Participation Efforts for Locating and Opening of Freight Operations by MoDOT and the Freight Industry
- Value of System-wide vs. Spot Improvements for Highway Safety in MO
- Winter Emergency Response Planning

Note: This list is not in order of priority. The list will be updated periodically as to which idea statements will become research projects. The first round of RFPs will be posted July 1st.